

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 3, 6, 7, 8 11, 15, 17, 20, 22, and 25. This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

What is claimed is:

1 1. (Currently Amended) A robot system, comprising:
2 a remote station that has a ~~head worn device, said head worn device generates~~
3 ~~input signals in response to movement of said head worn device~~camera that captures a
4 remote station image; and,
5 a robot that has a monitor that displays the remote station image, and a camera that
6 captures a robot image ~~said camera moves in conjunction with the movement of said head~~
7 ~~worn device and said input signals; and,~~
8 a head worn device, said head worn device generates input signals in response to
9 movement of said head worn device, said camera moves in conjunction with the
10 movement of said head worn device, said head worn device displays said remote station
11 and robot images .

1 2. (Original) The system of claim 1, wherein said robot includes a holonomic
2 mobile platform.

1 3. (Currently Amended) The system of claim 1, wherein said ~~remote station~~
2 ~~includes a camera and a monitor~~ head worn device displays graphics.

1 4. (Original) The system of claim 1, wherein said head worn device includes a
2 microphone.

1 5. (Original) The system of claim 4, wherein said remote station includes a
2 speech interface that interprets robot commands entered through said microphone.

1 6. (Currently Amended) A robot system, comprising:
2 a remote station with a camera that captures a remote station image, said head
3 worn means displays said remote station and remote station and robot images ~~head worn~~
4 ~~means for generating input signals in response to movement of a user's head; and,~~
5 a robot that has a monitor that displays the remote station image and a camera
6 captures a robot image, said camera moves in conjunction with the movement of the
7 ~~user's head and said input signals; and,~~
8 head worn means for moving said robot camera in conjunction with movement of a
9 user's head and displaying the remote station and robot images.

1 7. (Original) The system of claim 6, wherein said robot includes a holonomic
2 mobile platform.

1 8. (Currently Amended) The system of claim 6, wherein said ~~remote station~~
2 ~~includes a camera and a monitor~~ head worn device means displays graphics.

1 9. (Original) The system of claim 6, wherein said head worn means includes a
2 microphone.

1 10. (Original) The system of claim 9, wherein said remote station includes a
2 speech interface that interprets robot commands entered through said microphone.

1 11. (Currently Amended) A method for moving a camera of a robot,
2 comprising:

3 moving a head worn device;

4 generating input signals that correspond to the movement of the head worn device;

5 processing the input signals into a robot command;

6 transmitting the robot command to a robot; ~~and,~~

7 moving a camera of the robot in response to the robot command;

8 capturing a robot image with the robot camera;

9 capturing a remote station image with a remote station camera;

10 displaying the robot image and the remote station image with the head worn

11 device; and

12 displaying the remote station image on a monitor of the robot.

1 12. (Original) The method of claim 11, further comprising moving the robot
2 across a surface.

1 13. (Original) The method of claim 11, further comprising transmitting video
2 images between the robot and a remote station.

1 14. (Original) The method of claim 11, further comprising entering a robot
2 input command into a microphone of the head worn device and processing the robot input
3 command into a robot movement command, transmitting the robot movement command
4 to the robot, and moving the robot.

1 15. (Currently Amended) A robot system, comprising:
2 a broadband network;
3 a remote station that is coupled to said broadband network and has a ~~head worn~~
4 ~~device, said head worn device generates input signals in response to movement of said~~
5 ~~head worn device~~ camera that captures a remote station image; and,
6 a robot that is coupled to said broadband network and has a monitor that displays
7 the remote station image, and a camera that captures a robot image, ~~said camera moves in~~
8 ~~conjunction with the movement of said head worn device and said input signals; and,~~
9 a head worn device, said head worn device generates input signals in response to
10 movement of said head worn device, said camera moves in conjunction with the
11 movement of said head worn device, said head worn device displays said remote station
12 and robot images.

1 16. (Original) The system of claim 15, wherein said robot includes a
2 holonomic mobile platform.

1 17. (Currently Amended) The system of claim 15, wherein said ~~remote station~~
2 ~~includes a camera and a monitor~~ head worn device displays graphics.

1 18. (Original) The system of claim 15, wherein said head worn device includes
2 a microphone.

1 19. (Original) The system of claim 18, wherein said remote station includes a
2 speech interface that interprets robot commands entered through said microphone.

1 20. (Currently Amended) A robot system, comprising:
2 a broadband network;
3 a remote station that is coupled to said broadband network, said remote station has
4 ~~head worn means for generating input signals in response to movement of a user's head~~
5 a camera that captures a remote station image; and,

6 a robot that is coupled to said broadband network and has a monitor that displays
7 the remote station image, and a camera captures a robot image, ~~said camera moves in~~
8 ~~conjunction with the movement of the user's head and said input signals; and,~~

9 a head worn device means for moving said robot camera in conjunction with
10 movement of a user's head and displaying the remote station and robot images.

1 21. (Original) The system of claim 20, wherein said robot includes a
2 holonomic mobile platform.

1 22. (Currently Amended) The system of claim 20, wherein said ~~remote station~~
2 ~~includes a camera and a monitor~~ head worn means displays graphics.

1 23. (Original) The system of claim 20, wherein said head worn means includes
2 a microphone.

1 24. (Original) The system of claim 23, wherein said remote station includes a
2 speech interface that interprets robot commands entered through said microphone.

1 25. (Currently Amended) A method for moving a camera of a robot,
2 comprising:
3 moving a head worn device;
4 generating input signals that correspond to the movement of the head worn device;
5 processing the input signals into a robot command;
6 transmitting the robot command to a robot through a broadband network; ~~and~~,
7 moving a camera of the robot in response to the robot command;
8 capturing a robot image with the robot camera;
9 capturing a remote station image with a remote station camera;
10 displaying the robot image and the remote station image with the head worn
11 device; and

12 displaying the remote station image on a monitor of the robot.

1 26. (Original) The method of claim 25, further comprising moving the robot
2 across a surface.

1 27. (Original) The method of claim 25, further comprising transmitting video
2 images between the robot and a remote station.

1 28. (Original) The method of claim 27, further comprising entering a robot
2 input command into a microphone of the head worn device and processing the robot input
3 command into a robot movement command, transmitting the robot movement command
4 to the robot, and moving the robot.